The TZUY TURBINE used in RUN-OFF-RIVER SCHEME (small waterfall)

There are countless waterfalls in many countries of the world. If we can harness every waterfall to produce electricity especially those that are close to populated areas it can be a big opportunity for tourism and economic business.

Building a house near a waterfall can become attractive when the energy of falling water is converted into FREE and dependable supply of electricity. More fossil fuels can be conserved by using this kind of renewable source of electrical energy.

If a big waterfall can energize a manufacturing plant in a nearby city there is a big possibility that a small community or villages will surely rise in the vicinity to make the people work more comfortably.

The run-off-river scheme or a small waterfall used for electricity generation is environment-friendly. It does not stop the flow of the river. Only a small part of the flowing water is diverted to a forebay tank. It's more cheap and easy to construct compared to a big and expensive hydroelectric plant.

Even if the waterfall is just a few meters high and the flow of water is all year round or continuous we can depend on this FREE energy to generate electricity. The secret here is the TWIN ROTOR TZUY TURBINE. It has a perfect working fluid concentration in which the energy of water that pass through it can be converted effectively to spin the TZUY TURBINE and the electric generator.

When the small or big waterfalls are effectively harnessed all over the world by using our TZUY TURBINE to generate electrical energy we can be able to lessen our dependence of imported fossil fuels and help reduce the global warming.